

VIRGINIA BUILDING CONSTRUCTION COST DATABASE

2/1/12

Groupings of building types are approximate and there is overlap. Prices reflect the average cost per square foot for construction set to Richmond Virginia, January 2012. Prices also include utilities and sitework where applicable.

Not every building type is represented in this database. However, this database is continually being updated and new building types are added as needed. Deviation in cost from previous years is a result of market shift, a change in the number of comps making-up the average, or both.

| \$/SF BUILDING TYPE | |
|------------------------|--|
| per ton | CHILLER PLANTS: |
| \$1,294 | New Chiller Plants - Equipment Only |
| \$6,107 | New Chiller Plants incl. Building |
| CLASSROOM BUILDINGS: | |
| \$232 | New CR Bldgs |
| \$27 | Ren - CR - Finishes Only |
| \$53 | Ren - CR - L |
| \$86 | Ren - CR - M |
| \$120 | Ren - CR - H |
| COURTS | |
| \$301 | Ren Court |
| DORMITORY | |
| \$171 | New Dorm |
| \$119 | Ren Dorm |
| FOOD | |
| \$309 | New Restaurants |
| GYM-PHYS-ED BUILDINGS: | |
| \$38 | Ren Gym - L |
| LABS | DRY LABS: Physics Buildings, Engineering Buildings: |
| \$232 | New Dry Labs - L |
| \$249 | New Dry Labs - M |
| \$280 | New Dry Labs - H |
| \$237 | New Dry Lab - Automotive |
| \$75 | Ren Dry Lab - L |
| \$110 | Ren Dry Lab - M |
| \$168 | Ren Dry Lab - H |
| LABS | WET LABS: Chemistry Buildings, Biology Buildings |
| \$247 | New Wet Labs - M |
| \$350 | New Wet Labs - H |
| \$222 | Ren Wet Labs |
| \$310 | New Wet Lab - Commercial |
| LABS | BIOTECH LABS: |
| \$414 | New Labs Biotech |
| LABS | RESEARCH LABS: Integrated Science Centers |
| \$471 | Research Labs |
| \$397 | Ren Bio-Research Lab |
| \$437 | Research Lab Additions |
| LABS | VIVARIUMS: |
| \$256 | New Vivariums - EQ. ABSL 1 |
| \$331 | New Vivariums - EQ. ABSL 2 |
| \$641 | New Vivariums - EQ. ABSL 3 |
| \$412 | Vivarium Renovations - H |
| LIBRARIES: | |
| \$223 | New Library |
| \$109 | Ren Library |
| MAINTENANCE BUILDINGS: | |
| \$208 | New Office - Maintenance Type Building |

Some partitions and ceiling
Some partitions, ceiling, and HVAC dist.
Shell completion, and HVAC replacement

[\(Some are barrier fac.\)](#)
[\(Some are barrier fac.\)](#)

| | |
|---------------------------|--|
| | MEDICAL |
| \$365 | New Acute Care Hospital |
| \$326 | New Community Hospital |
| \$229 | New Mental Health |
| \$206 | New Clinic |
| \$132 | Ren Medical |
| | MED SCIENCES BUILDINGS |
| \$244 | New Med Sciences Bldgs |
| | MULTIPURPOSE BUILDINGS: |
| \$222 | New Multipurpose Center |
| | MUSEUMS |
| \$207 | New Museums |
| | OFFICE BUILDINGS: |
| \$182 | New-Ren Office |
| \$212 | New Small Office Addition |
| \$184 | New Office Building |
| \$19 | Ren Office - L |
| \$89 | Ren Office - M |
| \$226 | Ren Office - H |
| per car | PARKING |
| \$2,318 | New Parking (surface lots) |
| per car | PARKING STRUCTURE |
| \$13,778 | New Parking Structure |
| | ROOFING: |
| \$26 | Roofing Projects |
| | SHOOTING RANGE |
| \$156 | New Shooting Range |
| | STUDENT CENTERS |
| \$227 | New Student Centers |
| \$48 | Ren Student Centers - L |
| | THEATERS: |
| \$279 | New Theaters |
| \$187 | Ren Theaters - M |
| \$235 | Ren Theaters - H |
| | WWTP: |
| CALL - (SLIDING SCALE) | WWTP: |

| LEGEND: | | FOR NEW CONSTRUCTION: | FOR RENOVATION: |
|----------------|--------|--|--|
| L | Light | Greater than 25% of the square footage is actual laboratory space (approximately). | Finishes and ceiling |
| M | Medium | Greater than 33% of the square footage is actual laboratory space (approximately). | Finishes, ceiling, and HVAC dist. |
| H | Heavy | Greater than 50% of the square footage is actual laboratory space (approximately). | Shell completion, and HVAC replacement |

Wet lab: A Wet Laboratory is a laboratory space where chemicals, drugs, or other material or biological matter are tested and analyzed requiring water, direct ventilation, and specialized piped utilities.

Chemistry Buildings, Biology Buildings

Dry lab: A Dry Laboratory is a laboratory space that is specific to work with dry materials, electronics, and/or large instruments with few piped services. These labs may require accurate temperature and humidity control, dust control, and clean power.

Physics Buildings, Engineering Buildings